

CLAIMS

1. A pharmaceutical composition comprising lysine, proline, arginine, vitamin C, magnesium, green tea extract, N-acetyl-cysteine, selenium, copper, manganese and one pharmaceutical acceptable component selected from the group consisting of a carrier, a diluent, and an excipient, wherein the pharmaceutical composition without the acceptable component contains 7-9 wt % magnesium, 20-30 wt % ascorbic acid and 11-25 wt % green tea extract.
2. Use of a composition comprising lysine, proline, arginine, vitamin C, magnesium, green tea extract, N-acetyl-cysteine, selenium, copper, manganese and one pharmaceutical acceptable component selected from the group consisting of a carrier, a diluent, and an excipient, wherein the pharmaceutical composition without the acceptable component contains 7-9 wt % magnesium, 20-30 wt % ascorbic acid and 11-25 wt % green tea extract for the preparation of a pharmaceutical composition for alleviating or retarding a cardiovascular diseases which are characterized by excessive smooth muscle cell proliferation (smooth muscle cell hyperproliferation).
3. The use of claim 2, wherein said disease is arteriosclerosis or atherosclerosis.
4. Use of a composition comprising lysine, proline, arginine, vitamin C, magnesium, green tea extract, N-acetyl-cysteine, selenium, copper, manganese and one pharmaceutical acceptable component selected from the group consisting of a carrier, a diluent, and an excipient, wherein the pharmaceutical composition without the acceptable component contains 7-9 wt % magnesium, 20-30 wt % ascorbic acid and 11-25 wt % green tea extract for the preparation of a pharmaceutical composition for alleviating or retarding an inflammatory response.
5. The use of any one of claims 2 to 4, wherein the pharmaceutical composition is to be administered orally, intravenously or parenterally.
6. The pharmaceutical composition of claim 1 or the use of any one of claims 2 to 5, wherein the composition provides the following compounds in the ratio of approximately 25,000 parts of lysine, approximately 15,000 parts of proline,

approximately 8,000 parts of arginine, approximately 80,000 parts of ascorbic acid, approximately 30,000 parts of magnesium, approximately 50,000 parts of green tea extract, approximately 15,000 parts of N-acetyl-cysteine, approximately 5 parts of selenium, approximately 50 parts of copper, and approximately 200 parts of manganese.

7. The pharmaceutical composition of claim 1 or the use of any one of claims 2 to 5, wherein the composition provides a dosage of approximately 25 mg of lysine, approximately 15 mg of proline, approximately 8 mg of arginine, approximately 80 mg of ascorbic acid, approximately 30 mg of magnesium, approximately 50 mg of green tea extract, approximately 15 mg of N-acetyl-cysteine, approximately 5 mcg of selenium, approximately 50mcg of copper, and approximately 200 mcg of manganese.
8. The pharmaceutical composition of claim 1, the use of any one of claims 2 to 5 or the pharmaceutical composition or use of claim 6, wherein said composition provides a daily dosage of approximately 0.3 mg/kg lysine, 0.2 mg/kg proline, 0.1 mg/kg arginine, 1.1 mg/kg Vitamin C, 0.4 mg/kg magnesium, 0.7 mg/kg green tea extract, and 0.2 mg/kg N-acetyl-cysteine
9. The pharmaceutical composition of claim 1, the use of any one of claims 2 to 5 or the pharmaceutical composition or use of claim 6 or 7, wherein said composition further comprises one or more of the following substances: Vitamin A, Vitamin D3, Vitamin E, Vitamin B1, Vitamin B2, Niacin, Vitamin B6, Folic Acid, Vitamin B12, Biotin, Pantothenic Acid, Calcium, Phosphorus, Zinc, Chromium, Molybdenum, Potassium, Citrus Bioflavonoids, Inositol, L-Carnitine, CoEnzyme Q10, Glucosamine, Taurine, and Chondroitin Sulfate.
10. The pharmaceutical composition or use of claim 8, wherein the substances are comprised by said composition in the following ratios: 191 IU (International Units) of Vitamin A, 20 IU of Vitamin D3, 10 IU of Vitamin E, 1,500 parts of Vitamin B1, 1,500 parts of mg of Vitamin B2, 10,000 parts of Niacin, 1,500 parts of Vitamin B6, 75 parts of folic acid, 3.3 parts of Vitamin B12, 10 parts of Biotin, 5,000 parts of Pantothenic Acid, 15,000 parts of Calcium, 2,500 parts mg of Phosphorus, 2,500 parts

of Zinc, 5 parts of Chromium, 0.5 parts of Molybdenum, 5,000 parts of Potassium, 15,000 parts of Citrus Bioflavonoids, 5,000 parts of Inositol, 5,000 parts of L-Carnitine, 2,500 parts of CoEnzyme Q10, 25,000 parts of Glucosamine (N-Acetyl-D-Glucosamine), 50,000 parts of Taurine, and 15,000 parts of Chondroitin Sulfate.

11. The pharmaceutical composition or use of claim 8, wherein the composition comprises one or more of the following substances in the following amounts: approximately 191 IU of Vitamin A, approximately 20 IU of Vitamin D3, approximately 10 IU of Vitamin E, approximately 1.5 mg of Vitamin B1, approximately 1.5 mg of Vitamin B2, approximately 10 mg of Niacin, approximately 1.5 mg of Vitamin B6, approximately 75 mcg of folic acid, approximately 3.3 mcg of Vitamin B12, approximately 10 mcg of Biotin, approximately 5 mg of Pantothenic Acid, approximately 15 mg of Calcium, approximately 2.5 mg of Phosphorus, approximately 2.5 mg of Zinc, approximately 5 mcg of Chromium, approximately 0.5 mcg of Molybdenum, approximately 5 mg of Potassium, approximately 15 mg of Citrus Bioflavonoids, approximately 5 mg of Inositol, approximately 5 mg of L-Carnitine, approximately 2.5 mg of CoEnzyme Q10, approximately 25 mg of Glucosamine (N-Acetyl-D-Glucosamine), approximately 50 mg of Taurine, and/or approximately 15 mg of Chondroitin Sulfate.
12. The pharmaceutical composition of claim 1, the use of any one of claims 2 to 5 or the pharmaceutical composition or use of any one of claims 6 to 9, wherein the composition is in an oral form.
13. The pharmaceutical composition or use of claim 10, wherein the oral form is a tablet, a pill or a capsule.
14. The pharmaceutical composition of claim 1, the use of any one of claims 2 to 5 or the pharmaceutical composition or use of any one of claims 6 to 9, wherein the composition is in parental form.